

VI. PROPOSED RULES

1. Modify rule § 21.5 by inserting new definitions in the appropriate alphabetical order as follows:

Local Multipoint Distribution Service Hub Station. A fixed point-to-point radio station in a Local Multipoint Distribution Service System that provides one-way or two-way communication with Local Multipoint Distribution Service Subscriber Stations.

Local Multipoint Distribution Service System. A fixed point-to-multipoint radio system consisting of Local Multipoint Distribution Service Hub Stations and their associated Local Multipoint Distribution Service Subscriber Stations.

Local Multipoint Distribution Service Subscriber Station. Any one of the fixed microwave radio stations located at users' premises, lying within the coverage area of a Local Multipoint Distribution Service Hub Station, capable of receiving one-way communications from or providing two-way communications with the Local Multipoint Distribution Service Hub Station

Local Multipoint Distribution Service Backbone Link. A point-to-point radio service link in a Local Multipoint Distribution Service System that is used to interconnect Local Multipoint Distribution Service Hub Stations with each other or with the public switched telephone network.

2. Add a new rule as follows:

§21.XXX Content and Form of Applications

Exhibit X: Demonstration of Compliance with Technical Rules

3. Reference should be made by the Commission to the rule sections which contain requirements for PCS coverage and which should be considered as a model when adopting rules for the LMDS.

APPENDIX 1

NRMC-1

CHARTER FOR THE LMDS/FSS 28 GHZ BAND NEGOTIATED RULEMAKING COMMITTEE

A. The Committee's Official Designation

The official designation of the advisory committee will be the "LMDS/FSS 28 GHz Band Negotiated Rulemaking Committee."

B. The Committee's Objective and Scope of its Activity

The purpose of the committee is to provide recommendations to the Federal Communications Commission to be used in the formulation of technical rules which should be adopted for the Local Multipoint Distribution Service (LMDS) and/or the Fixed Satellite Service (FSS) so as to maximize the cofrequency sharing of the 27.5 - 29.5 GHz frequency band ("28 GHz band") among these services. The scope of the activity of the committee will include all steps necessary to assemble data, perform analyses, and provide advice to the FCC concerning the technical and coordination issues presented by these services.

C. <u>Period of Time Necessary for the Committee to Carry Out Its Purpose</u>

The committee will require 60 days to carry out its purpose.

D. Official to Whom the Committee Reports

Chief, Common Carrier Bureau, Federal Communications Commission.

E. Agency Responsible for Providing Necessary Support

The Federal Communications Commission will provide the necessary support for the committee. The Federal Communications Commission will not provide facilities needed for the conduct of the meetings of the committee, except for the first meeting. Private sector members of the committee will serve without any government compensation, nor will they be entitled to travel expenses or per diem subsistence allowance. Committee members may choose to support a facilitator for the Committee.

F. <u>Description of the Duties for Which the Committee is</u> Responsible

The duties of the committee will be to gather and discuss information necessary to form recommendations to the FCC for technical regulations that should be adopted for the Local Multipoint Distribution Service and/or the Fixed Satellite

Service so as to maximize the co-frequency sharing of the spectrum among these services.

G. Estimated Operating Costs in Dollars and Staff Years

Estimated staff years that will be expended by the committee are 0.5 for the FCC staff and 4.3 for the private sector and other governmental representatives. The estimated cost to the FCC of operating the committee is \$60,000, which includes a \$25,000 contribution towards the cost of procuring a facilitator and/or for training committee members on negotiated rulemaking and consensus-building procedures.

H. Estimated Number and Frequency of Committee Meetings

Eight meetings of the full committee, with additional meetings of informal subcommittees, are expected.

I. <u>Committee's Termination Date</u>

The committee will terminate September 23, 1994.

J. Date Original Charter Filed

The original charter was filed July 26, 1994.

APPENDIX 2

WORK PROGRAM

LMDS/FSS 28 GHz BAND NEGOTIATED RULEMAKING COMMITTEE

Provide Recommendations to be used in the formulation of technical rules in 47 C.F.R. Parts 21 and 25, either modifications to existing rules or new rules, so as to maximize the co-frequency sharing of the 27.5 - 29.5 GHz band between the Local Multipoint Distribution Service (LMDS) and the Fixed Satellite Service (FSS).

A. In order to determine the appropriate technical, operational and/or administrative sharing criteria that would maximize the co-frequency sharing of the band by the LMDS and the FSS, the Committee will assemble data, perform analyses and provide advice concerning the technical and coordination issues presented by these services. In this regard, the following sharing/compatibility cases should be examined:

- 1) FSS Earth station uplinks accessing geostationary satellites causing potential interference into LMDS hub stations and subscriber terminals.
- 2) FSS feeder uplink Earth stations accessing Low-Earth Orbit satellites providing mobile satellite services in the 1610-1626.5/2483.5-2500 MHz bands causing potential interference to LMDS hub stations and subscriber terminals.
- 3) FSS Earth station uplinks accessing Low-Earth Orbit FSS satellites causing potential interference to LMDS hub stations and subscriber terminals.
- 4) LMDS hub stations and subscriber terminals causing potential interference, on an individual station basis or as an aggregate of all visible subscriber terminals and hub stations, to FSS geostationary satellite receivers.
- 5) LMDS hub stations and subscriber terminals causing potential interference on an individual station basis or as an aggregate of all visible terminals and hub stations to FSS Low-Earth Orbit satellite receivers.
- 6) LMDS hub stations and subscriber terminals causing potential interference on an individual station basis or as an aggregate of all visible terminals and hub stations to feeder links for MSS services in the 1610-1626.5/2483.5-2500 MHz bands.
- B. All recommendations or proposed rules must comply with International Telecommunication Union treaty obligations.

APPENDIX 3

NRMC-5 (Final) September 23, 1994

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